

Table D.80. Could you tell me why you aren't sure? (Scope)

Coding category	% of respondents^a (N = 7)
Refused	25.0%
Cost is too high for Respondent/Household	12.5%
Benefits are not worth cost	12.5%
Not sure if the program would work	12.5%
Other issues are more important	12.5%
Other	12.5%
Treatments could have unknown bad effects	12.5%

a. Percentages can add up to more than 100% because individuals could provide more than one reason

Table D.81. Reasons for voting "for" the program (Scope)

Coding category	% of respondents^a (N = 240)
Program will help area around river and lake	34.1%
Program will benefit others	16.6%
Program will speed up the recovery	15.9%
Other	7.8%
Program will bring lake back to earlier state	6.8%
Program reduces risk to human health	5.1%
Program will protect environment in general	4.7%
Respondent would benefit from program	3.7%
Respondent is concerned about environment	2.7%
Society is responsible for fixing problem	1.0%
Program has other benefits than cleaning water	1.0%
Others in HH concerned about environment	0.3%
Blank response	0.3%

a. Percentages can add up to more than 100% because individuals could provide more than one reason

Table D.82. “What made you think that it tried to push you one way or the other?” (Scope)

Coding category	% of respondents^a (N = 25)
Other	50.0%
Information slanted in favor of alum treatments	26.9%
Alum treatment only clean-up method described	11.5%
Survey exaggerated seriousness of problem	7.7%
Natural recovery not described until end	3.8%
a. Percentages can add up to more than 100% because individuals could provide more than one reason	

D.2.4 Listing of verbatim responses for the base questionnaire**Verbatim responses explaining what respondents had heard about the changes in the river and lake**

Respondents were asked question Q17a, “What had you heard?” if they answered yes to question Q17, “Had you heard about the changes in the river or lake I just described?” A listing of all responses to question Q17a are provided in Table D.83.

Table D.83. What respondents had heard about the changes in the river and lake.

They are dumping crap or runoff into the water
Read about stuff about chickens
Have known for a long time [that] the [rivers, lakes] have gone bad for a long time, we started but it is not enough
About the battle between ok and Arkansas about the litter, and how they get rid of it
Have heard it's not as clean. One of [my] coworkers take a family reunion every year and they say it's not as beautiful as it used to be
Same thing as you just said, probably not as scientific as you said, I have friends who dive and are tournament fishermen and we frequent the lake
She remember when Tenkiller lake use to be pretty and recently a friend went to visit and said that the water was no longer clear and it is now murky.
People that used to float say it is nasty
The pig farm, chicken farms are more polluted. They dump into the river and lake.
Just that there was more algae and it was affecting the ecology of the water systems over in that part of the state.
About the chicken waste from Arkansas
I have friends that are fishermen and they are having a fit

Table D.83. What respondents had heard about the changes in the river and lake.

I've been watching all of this / we have done a lot of water studies

About the pollution.

It is caused a lot by the chicken farms run off causing algae blooms

That the conditions have gotten worse due to the algae and the pollution

Some info. I'm in a different county. I have complained about the algae because a lot is caused by the climate.

My children said there were changes I didn't see them personally

Not specifically just general things I picked up on TV and in newspapers

I've heard about cleaning them up and other lakes and rivers

Don't know what lake it was that algae causing problems but I don't know what lake, I think the people camping and canoeing are causing a lot of the problem

I heard that the rain levels and heat were contributing to the murkiness. I have also heard some of the locals complain that tourists on the Illinois were contributing to some of the trash in the river area.

That they are polluted and get sick if you drink it and that there are fish kill and bird kill

I'm in the chicken business and we are blamed. The state has been to court so why are we doing this again

I heard through the media something having to do with chicken manure

Had heard that the water was clear enough to do diving so we have stopped going

The state has been concerned about the river and lake because it has been polluted by people who use it and the lawsuit regarding the chicken farms.

The rivers and lakes was being dirtied by pollution from chicken growers; but I never thought much of it until I late visited a lake

That we were idiots and we treat our rivers like crap. Beyond ridiculous.

Attorney general of the state of Oklahoma alleged that the chicken industry in the state of Arkansas were polluting the watershed and effecting the scenic rivers of eastern Oklahoma

I heard that Arkansas [was] dumping a lot of stuff that was in that state and the river was dirty, Arkansas is dumping a lot of crap in the river

Well like thunderbird lake and remarks over the last few years that the water is dirty, and the water is unsafe and to look for glass that you can't see

Rivers are murky

Had heard of algae

That the algae is growing. P that it is part of the phosphorus runoff in the Illinois river. P most of it's from agricultural practices.

I saw it for myself. P no

That chicken farms along the Arkansas border has caused some changes in the river

On TV they talked about the algae in the water

About the pig farming getting into the rivers and lakes.

Arkansas continues to pollute the river system and Oklahoma experts has been futile they haven't been able to do anything and the north Canadian is going to be the same with the hog farms, and if they can't control the hog farms waste and the chemical

I heard that the polar bears are dying because the ice is melting. I watch nature on TV. Salmon are disappearing, too .

I had heard they had Arkansas side of the rivers, where hog farmers had dumped their sewage and it was affecting our side

Table D.83. What respondents had heard about the changes in the river and lake.

Kids could swim in the water and now it is dirty. I remember when the water was clear.
Well one of my sons have a boat and he say it's hard to find a clear pretty spot; it's just not pretty as it used to be.
Just basically what you read and driving through some of the ponds and lakes in other areas and they are different than they were when I was younger.
It was getting dirtier.
Heard of the algae and the environmental groups talking about it
Heard that the water is stirred up and cloudy
I have heard a little about it on the news filing lawsuits against Arkansas to get them to stop polluting the river.
I hear in the news about global warming. In Minnesota they say the lake is not as a frozen.
Heard that the water had been polluted by the farms along the river
The river and the creeks are getting unusable. Back when I was a kid you could swim in the flint and Illinois rivers and baron ford creek and you could see 15 to 24 feet deep.
I have heard and seen the changes and the beer drinking throwing the cans around.
It's not good .
Just that it isn't as clear as it used to be
It's very sad. It's been in the news
That the chickens were causing problems in our streams
Used to be really pleasant, now it is not
You used to be able to go out and enjoy the lake it was clear and clean
We stopped going because there were dry areas and the water was getting bad.
You used to be able to see through the water. The water was clear and clean and people use to scuba dive in the water. The river is beautiful when it is clear and fishing is great when it is clear. It is nasty when the water is murky.
That is where they are having lots of problems with the chickens being grown there. The river is green with algae when I was there
The fish is all dying
We have a cabin up at Tenkiller lake. I was there about 6 months ago.
On discovery channel, the water is killing the fish from people putting in chemicals
I've been there I've seen it terrible
Heard about the lake and the people that float down the lake and the pollution in the lake and river
The river and lake is changing and getting dirty
Read in newspaper about the chicken litter that is causing the problem.
Heard that people were griping about the pollution in the lake
I heard that as far as changes to the lake opening up the channel a good idea to speed up the channels to clear up the water again
Just what I heard on the news
It was going to bad pollution
Chicken farms had ruined them
Heard on the news, that we only had one lake that was fit to go in
Something on channel 9 about the state doing something to protect the lake

Table D.83. What respondents had heard about the changes in the river and lake.

They were going to try to keep people from bringing in bottled drinks along the Illinois
Pollution
On the news concerns about the chicken farms and the run off from \Arkansas and how they refuse to take care of the problem
A little about the pollution was on the news
Pollution in the Illinois river
People complaining about it
High phosphorus content
Just the battles of pollution in the state over the river
When visited Tenkiller lake they said that the population was going down.
Heard about it on the news
About the chicken farmers. What is coming down from Arkansas
I saw that it was a lot more dirty than it use and would not eat that were caught in that polluted water
The chicken farmers open their waste into the rivers.
There is a lawsuit against dumping chicken litter in the water shed.
It is pretty dirty my daughter work for Oklahoma resources. They shock the fish and test them and I was pretty dirty.
Seen a lot of it firsthand. Read a lot on the nearby farming and the chicken waste
Our brother-in-law has told them how dirty it is and the fishing is not nearly as good (bass fisherman)
I heard that the water quality has deteriorated. I heard that there are nutrients in the water that promotes the algae growth
My husband and I used to go to deep fork when he was alive and we heard about ad fishing
Heard on the news that the Illinois river needed some help cleanup
Just that there were less and less fish and about the algae issue.
That it was getting very dirty and polluted
About the water pollution and how the poultry industry caused pollution in the river. I heard about the lawsuit between the two states.
Heard that Arkansas chicken litter put on the farmer's field causing algae on the runoff.
I heard about the pollution lately in the past five or ten years.
I heard that it polluted by people more than anything else
A lot of campers has been very careless in using the rivers
The waste dumping from Arkansas into the river
Basically, what you just said. I took some classes in biology and learned all about the changes in the river and lake.
I have seen the changes in the lake and river. It is very noticeable.
The running of the chicken had them
That the river was murky and less fish.
That the phosphorus levels have increased algae growth and they presume it is associated with chicken waste within the water shed.
Related to the industry around there, the chicken and the poultry industry.
The fish are not biting and are smaller you do not fish it that type of water. Afraid to eat the fish.

Table D.83. What respondents had heard about the changes in the river and lake.

Just different stories about pollution in the lakes and river. The pollution was from Arkansas chicken farming in the watershed.

That they were getting more polluted and there weren't as many fish.

The chicken farms are messed up the water and polluting it

That the waters are polluted.

Just what you told me about how bad the pollution was

The lakes is full of algae people could not fish or swim.

I had heard about the changes in the river in high school

I heard the lake and river are filled with pollution from the poultry industry

It's just not as clear as it used be

The use of fertilizer should be limited and regulated and the effects that it is having on our waterways is ridiculous. Through the practice of unregulated fertilizer our water is very polluted now.

I've seen the changes that are drastic.

I've heard that they've had issues with algae and zebra mussels.

That it continues to get worse from the chicken farms in Arkansas.

How water is not as clear and is dangerous.

In was in the paper about what you said

Most the problem on the poultry industry .

I know the chicken farms up there in have been dumping pollution in the water.

The water had been polluted and it needed to be cleaned

Mostly the changes came from Arkansas coming down this way

The condition of the lake water shed ran off chicken litter from Arkansas and litter from farmers that use for fertilizer main the Arkansas chicken litter Tyson

There's a lot of chicken litter in the river and lake from the Arkansas side of the water shed

Mostly about the clarity isn't like what it used to be

Just about the chicken litter

Pollution all over lakes and rivers mostly from people canoeing

The river is polluted; that there not getting quantity of people for canoeing trips; state of Oklahoma suing Arkansas

Heard something about the Illinois river on the news farmers complaining about pollution

Talked about recreational areas in school this was in the education

Read in the Tulsa world that there were some changes in the river.

Just about the chicken farms are polluting the lake

I watched this happen when I took my students water quality has changed

The lakes have a dirty look and are not taken care of

That there was poultry junk in the river.

It's about the litter coming from Arkansas

The river is not as clean as it used to be.

Pollutants from chicken farms had been in the water.

My family fishes in tournaments and they tell me how they have gotten worse

The fish had decreased in number and whole river has gone down hill

Table D.83. What respondents had heard about the changes in the river and lake.

Chicken farmers are polluting rivers and lakes
People who have been there said it is pretty bad
I've seen these changes
I've seen it I can tell the difference; now you can't see everything like you used to
Read about it pictures are shocking; heard of very poor conditions; we did a lot of camping when it was nice in the 50's, 60's and 70's
Just heard it's being polluted and you can't see down like you used to
Heard are changing
It's just getting bad. I've noticed it too, it's murky.
I remember when they were clear and not murky like now.
The algae and the different fish species and they don't have enough water in the river. They need to let the water build up.
Heard about those chicken farmers dumping things in the river and making the river murky.
Heard about the algae and in the Illinois the waste seeping into the water
I noticed it. The temperature is not as cold as it once was and it's not as clear.
She has seen the changes
Mostly that this one the chickens in Arkansas and I'm totally against the chicken
You can see it you don't have to hear it.
That it was so murky some of the fish were disappearing and not surviving in the water
The algae large growth of it. If swim a very green algae at the bottom. We use to see more ta pole in the bottom of the water.
Because of the run off of the different farms, chicken, hog. It's adding excess amount nutrients in the water. Which is created the algae.
The chicken waste in water.
Fort Gibson lake is getting more algae and lake Tenkiller is cleaner and there are more fish. Lake Eufaula is cleanest of fort Gibson
The conditions are getting worse.
They had become murky the water had become micro germs that can make you sick. Also unknown bacteria in the water.
About the chicken dropping being drop in the river.
That it's caused from chicken farms and chemicals from the chicken farms
Chicken litter is causing 75% is causing the problem in Tenkiller lake. It could be 100%.
Just in general talking to friends that don't want to go to certain lakes because they are starting to look nasty.
I know what I've seen, exactly what I've seen in these pictures. I have periodically heard news stories.
I believe it has to do with fertilizer excrement from chicken farms
There is a lot of floods and the farmers need the help with pollution.
There is more pollution from people throwing beer cans. Just people trashing it up and more pollution.
Mostly farmers are polluting the water I was familiar with everything you told I watch TV and I learn something everyday
That the water was nasty and you couldn't get in it like you used to. You need to make sure you have a purifier to drink it.
That it's not as clear and pretty as it used to be. At times it has different types of smells.

Table D.83. What respondents had heard about the changes in the river and lake.

That the lakes were getting dirty and that they might clean it up by first taking all the animals and putting them in a clean environment. They may suck out the water and replace it with clean water which wouldn't be possible unless taxes are raised.

The water is not as clear; the fishing is not is good. They used to scuba dive in Tenkiller in the '80s. Now when the water is warm the visibility is not very good for scuba diving. I haven't fished in about 7 years.

Heard on the news and read in the paper that it was not like it used to be that it was contaminated x I heard about the suit in Arkansas in the river the waste

The state of Oklahoma has filed suit against the producers of chicken litter for polluting the watershed of the Illinois river and the lake.

I heard about pollution from the chicken farms.

Well, whenever I was growing up on snake creek, going to the river or lake was a big deal. I talked to fishermen and they talk about the condition of the water throughout the summer when they have seen large quantities of dead fish floating on lake.

It is dirtier than it use to be.

Fishermen have told me that the water wasn't as clear or as nice as before.

About the algae growing and the disappearing of the smallmouth bass.

My mother told me of the changes.

Arkansas putting chicken waste in the creeks and end up in Illinois river. Edmond went to court about it. P nothings been settled out.

That something had gotten the Illinois river in Arkansas contaminated, I think the chickens, I really don't know. P no.

Basically that the development and runoff is creating most of the issues.

News reports. P they are not as clean as they used to be.

I heard that the water had been more polluted over the past fifty years with trash in the river

They are dirty and nasty too many treatments plants using too many chemicals and also chicken farms and hog farm

We have seen how much dirtier the lake and river are because they are more people and people are trashing it

There has been outbreaks of algae and people have been cautioned, they have talked about turkey waste that has increased the algae and have decreased the fish, that's why we don't go to the river and lake

The rivers yes, Tenkiller lake no

I know our attorney general is working with the Arkansas poultry companies. It's been on the news quite a bit.

Vaguely that they were trying to get it changed so it was not so murky on the bottom for the fish

My kids used to go out there and especially Tenkiller used to be clear

Have heard on the news and that things weren't very rosy

That Oklahoma had several lawsuits against Arkansas and but it is also happening here. In 1968 you could see to the bottom of the river here and not it is nasty

About the pollution and algae growing in it

The Illinois river that have chicken houses that pollute the water

About the pollution mainly about the chicken farms polluting the rivers

Yes and I have seen the changes. People don't float the river like they used to do because of the chicken farmers in ark polluting the river

There are not as much fish and that there is a lot of algae

Table D.83. What respondents had heard about the changes in the river and lake.

That it was getting bad from the algae in the water

Everyday my son will talk to me about the lake.

The fish is smaller and lot of them are dying off.

There is more algae in the river and lakes.

Poultry farms are causing this by putting all that crap in there

The algae is robbing the water of the oxygen. Makes it taste bad and water murky.

The lawsuit between us and Arkansas.

That there was so much run off from poultry farms and pig farms that it is killing the fish.

Basically the same thing I'm saying. There is algae growth.

On the news. Chicken litter.

Mostly about the pollution from the chicken houses in Arkansas.

That they are murky.

Pollution is killing our lakes and rivers. You cannot dump large amounts of sewer in the lakes and rivers and expect them to look like the used to.

I've heard rumors about fish and stuff.

One daughter is married to a tournament fisherman and has commented on how much better the water is in other states.

On TV they had something recently

Heard that chicken litter was destroying lakes and the river. And there was a lawsuit, I don't know if it is still going on against Arkansas chicken farmers.

I have seen it. The Illinois river looks like mud flow and 10-15 years ago it looked like normal water, blue.

And my uncle has noticed there is less fish.

I remember when I was younger it was much clearer. I've heard about Edmondson fighting hard. I've heard Arkansas say it's not their fault. But I can remember the difference. There is always brown foam now. Barren fork and flint creek are fairly clear

[Names deleted] are friends of mine. I'm interested because of tourism. It has hurt the tourism business, the tax base and the local economy.

That it was being more polluted than before. I've heard stories from my parents who are in their 50's and have seen a lot of changes.

The person who's over our pollution control or the scenic river, has talked about cleaning up the river. They really try to keep it clean. We have the canoe floaters going down the river all the time. We went down the river in a flat bottomed boat in

Due to chicken manure from farms has caused this. The river and lake look different and we don't catch as many fish

That mostly they are cracking down on the chicken and turkey litter

That there is more pollution

Chicken manure from Tyson food.

The poultry industry polluting the river upstream which causes pollution and algae. Runoff from poultry litter causes the algae.

Just, you know, that it's dirtier now.

About the fish - about how the water looked - it wasn't enjoyable to swim and the water smells funny

Well, I just know that Edmunson, a lawyer in Oklahoma city, is trying to get them to stop using the chicken

Table D.83. What respondents had heard about the changes in the river and lake.

litter but her son says that's not what's causing the problem.

I've heard the fishing has gone down, and people don't want to go to the lake as much or often as they used to because they feel like it's gotten too dirty and nasty to actually swim and enjoy yourself. The fishers don't fish out there too often any

I had a professor at NSU and he was talking about the chicken litter from the farmers and the algae growth.

I've heard everything. I've heard of all these nutrient load problems.

That the water was not as clean as it used to be in Tenkiller. That's all.

Pretty much the same thing, I just heard it before, you just told me. That's about it.

Just through the poultry, when we had to take the classes (r had commercial poultry houses), and on the news and in the newspaper w/drew Edmonson where he had the diaper on the cattle -- and that was to do with all the water.

That the water turns over and the algae spreads, I guess when the bottom cools or the bottom heats or something. Well, I heard that the runoff from the chicken houses was causing a lot of pollution.

I've heard that it's become somewhat polluted. Well, I heard some griping from places from Tulsa.

Due to what you just said, a lot of algae has pushed a lot of the fish down, out of the creeks. That's basically it.

From my church youth group I have heard that the water is now dirtier and murky

That the pollution was high.

A river flows into his neighbor's lake and it is dirty just like Tenkiller lake.

Mostly gripes from fishermen, that the water was bad and the catfish tasted really bad.

There is a lot in the news about the chicken litter in the lakes.

That the lake and river are murky.

It is not as clear as it used to be. And the fishing has changed cause of the types of fish.

I heard that Tenkiller lake is nasty with trash and pollution.

I heard that it was murky. P it wasn't clear and pretty like it use to be.

People say it use to be a lot clearer than now.

Saw movie at the dome next to the zoo. P the omniplex.

Just that they were changing. P weren't any specific reason that I had heard of. P no

That pollution of the lake by fishermen, weather, chemical waste, and by inadequate septic systems

A lot of pollution and not many fish.

I heard several years ago there was a lot of fish kill in the water. I don't know if they ever found out what was causing it. Maybe 6, 8 or 10 years ago.

I heard about it on TV

There were times that it was cleaner. From what I have heard it's a lot of poultry farms upstream dumping waste into the lakes.

The water is not clean anymore like it use to be, I was told this by people who live there.

Specially taleka in the Illinois rivers the water stunk

A lot of algae in the lake than it used to be. The chicken farmers and cow farmers are causing the problem.

I heard that the chicken farmers are not cleaning their waste up and it's running into the rivers and causing the water to be murky.

The water is more murky with a lot more algae

About the pollution. The chicken farms were polluting the river. I can see the water is very dirty and murky.

Table D.83. What respondents had heard about the changes in the river and lake.

Algae was getting worse and spreading from the creek to dams.
The chicken farms are polluting the lake
Algae stuff only because my dad is water supervisor an he pays attentions to this issue.
That the poultry farms in Arkansas are polluting the water in Oklahoma.
About the algae and stuff
I have personally observed the changes
I went to school in Tahlequah and saw the changes . I know water quality is big issue
Water getting very polluted.
They're always talking about the water
The poultry industry is polluting the river and lake
A lot a people are talking about they're not taking care of their farms they let the cows use the water.
About the same as what you're saying about the algae it is nasty and needs a lot of attention
I've heard some stuff on how it's changing, on the news
Most of the lakes are not as clear as they used to be, you can hardly see your feet, people like to fish and now they can't because of this
The same thing you just said
I heard it's getting pretty dirty, I would be afraid to get into it no telling what you would catch
That's all the chicken and turkey farms, putting litter on the hayfields up there and it runs off into the river.
Read in the newspaper that the chicken litter was getting into some lakes in Oklahoma.
That the water used to be clearer
River close by contaminated with e-coli
I heard a lot of the information on television.
That it's polluted.
That there were pollution on the bottom of river and lakes
I read in the paper that you could see down about 10 feet in 1960 and now you can't see that far and that it was murky
It had clouded up with algae
Yes, from the chicken houses
I heard it was getting more polluted
Yes, I heard about the algae. I knew that the water was nasty, I guess, not pleasant. My sister and her husband do a float trip every year on the river and have for the last 10 years, and they didn't go this year because of the water conditions
I heard that I believe, somebody is trying to buy some water. It's been a while. There's a debate. But there's also another debate: Texas is trying to buy water out of [lake] sardis. I could have them mixed up.
It not as pretty it has been there and it is not in the 70s and 80s it is not as pretty and it is sad, very sad
That seeing that you can't catch as many fish as you used to. Used to you could throw your pole in and you'd have a fish in two seconds. Now you have to go out in the middle to catch anything.
Oh, I've just heard about the algae and a lot of the fish are dying at Tenkiller. We were at the dam area and there was just a whole bunch dead.
Over time the algae had gotten worse
Pollution from poultry houses in Arkansas and poultry manufacturing in Arkansas and disposed of in the creeks and river

Table D.83. What respondents had heard about the changes in the river and lake.

Well, it was about the algae and stuff and the changes in the ecosystem of it. Because of the runoff, fertilizer, chicken litter - from Arkansas.

Just, I do a lot of internet search, and I do a lot of fishing and compared to when I was a kid, you can't even walk anymore without slipping and falling on the bottom. I do a lot of fish tubing, too, and you can't see anything.

Oh, I read several articles on it; it's about like you said. Phosphate does wonders for it and chicken litter. I'm saying that sarcastically.

I've heard about all this stuff coming in from the chicken places, all that conversation that we need to cut back on what they dump into the rivers in Arkansas.

The water has become a little bit more murky and gross over years.

Just about the chicken places

Good and bad

Pollution

The changes because of the different things going on up there, like the effect of the algae

Seems like I've read something about it

The pollution in the water comes from chickens the people in the town I lived in talked about the pollution

Yes. Mainly from one person. That there was all this pollution in the water near where he lives

I am aware of the lawsuit that has been filed against the poultry companies

Pollution from Arkansas.

I heard over the radio that the poultry farms were having an issue with waterway and

Several years ago we heard the river was getting polluted from Tyson chicken plant

I used to know that teach scuba and they could see the bottom and now they cannot

That there was a lot of pollution and when I have gone fishing in other areas you don't know what shape are in or what diseases they have or are carrying. People should care because of the kids coming up.

Full of algae--water is polluted

The water is murkier than it used to be, fishing used to be better, used to feel better about taking your family and friends there. Have also heard it is the chicken farmers are causing all the problems

Read in the paper how the algae was destroying the lakes, killing off the lakes and streams

Co-worker had told him that when he was a kid he could see the bottom of the river and now when he goes out to Tenkiller he has noticed the increase in algae.

I have heard people talk about that the water is not as clear as it used to be, mostly about the river. I have relatives in the area and they talk about how it is not as clean as it used to be. Have also heard on the news about dumping coming from Arkansas.

I have heard that the river is getting polluted and think there are some restrictions going onto the river

I knew there was algae in a lot of the lakes, and I know they were all clear back in my day, so why hadn't Oklahoma taken care of it?

I could see changes in the lake and river more algae.

The river and lake not as clear and has a smell. Fish are not as big.

That there are certain kinds of fish that aren't there anymore and other fish is there that wasn't there before .
My son fishes a lot

About the pollution and the water with the chemicals

The pollution with the chicken farmers

Table D.83. What respondents had heard about the changes in the river and lake.

That they are getting bad and they are polluted and something needs to be done
With the pollution with people become "more green," and people being more concern about pollution.
Pollution
The green algae is growing at such a rate that it's causing genetic problems with the fish.
I know that it's not getting any cleaner
Heard a lot about poultry waste and how Oklahoma doesn't want it.
Exactly what you said - that the water is murkier and some species have disappeared.
I hear about the runoff about the chicken waste in the Eucha lake.
All the pollution because of pig and chicken farms in Arkansas. On NPR I heard a program interviewing a local guy who has made a movie "let's go to the river" about the issue.
I have heard about the chicken ranches in Arkansas and Oklahoma and the problems with the water because of it.
I've noticed change in the river and had conversations with people about this. I've heard that lake Tenkiller used to be a very clear lake.
Especially about all the pollution in the river and how it's killing the lake that's pretty much it.
That the visibility is getting worse and that most people thought it was do to the chicken farms
That the main issue is regarding contamination because of the chicken farmers. More and more people were dumping pollution into the river.

Verbatim responses explaining what changes respondents had personally seen in the river and lake

Respondents were asked question Q18a, "What changes have you seen?" if they answered yes to question Q18, "Have you personally seen any of these changes in the river or lake, or have you not seen any of these changes?" A listing of all responses to this question are provided in Table D.84 below.

Table D.84. What changes respondents had personally seen in the river and lake.

We went there last year and observed the murky conditions
We had a cabin at Waurika lake and we saw changes from the day we bought our cabin
Watched channel 13 and they talked about the pollution of the Illinois river, from the chicken farms
The murky water less live fish.
Algae has gotten thick
I've seen the algae change
We can tell the difference it's like milky water now
The water going from clear to murky. We need more control to keep people from throwing beer cans and other things in the water.
It looked like the picture you're showing now
The murky the cloudy water
Could tell a little bit depending on where you are.
Algae was bad and I was going to drink some of the water and saw dead fish
I have seen the water getting more murky and seen fish die due to the algae I have seen the shores polluted and the fish decrease
You can't see the bottom very good
Murkiness of the water.
When I went in 1985 it looked more like the 1960 pictures, there was a lot of beer cans and trash if you are old enough to drink it you are old enough to carry it out
The difference in the last time that I was there and planned this place for a get together and had to choose another location
Dirty water and so forth
Just that they have less water and more pollution and dirtier with mud I don't like to fish there anymore
The second time the water didn't look as clean
The water is green and not clear anymore and the algae is just terrible
Decline in our respect for ourselves and our environment, thus leading to continual compromise of our surroundings.
Changed over 20 years
Couldn't see anything in the water. Pollution
Just by passing through the lake you can see the changes
None of the lakes and rivers seem to be as clean as they used to be
The water is a lot dirtier
Algae nasty water pollution decline in fish wildlife it is not good
It was drastic, from color to dead fish floating and the green mossy water that wasn't normal , we had catfishing and had seen water clear and now it's changed
Yes but not much, just driving through as a truck driver
The lakes were beautiful and now they are dirty. It's pitiful.
I've seen a litter of the algae growing: but it's been awhile.
That they are more polluted and that they are not taken care of
Lots of trash and pollution
The water is not clear like it used to.

Table D.84. What changes respondents had personally seen in the river and lake.

When they go to the river they have noticed the algae growing
The loss of production of fish life, the murky water from the algae.
I have seen the clear water become darker
The water was clear in the beginning and now it is not so clear
The water is getting dirtier people leave all their trash out there.
The water has changed it's not as clear as it used to be when I went on a float trip
It is disgusting now, by the time my kids get there it will be worse if something does not change
It was becoming more and more dirty.
Dirtier
I noticed it when over the years of growing up, the water is gross
I have seen the water go from beautiful to nasty filled with algae.
I have only been 8 miles of it but it was getting green then
Algae phosphorus, a lot of pollution it used to be clear
In the Illinois river he has seen how it is very dark and murky, can't see anything
In some of the other lakes in Oklahoma
Murkiest
Water was nasty, I wouldn't go in it
Things are not as clear. My dad talk about the fish that are no longer there
All other polluted
Has seen that the water is cloudier
Seen the water clear and have seen the water look very bad particularly on barren fork creek
The murkiness and unclearing of it.
More pollution in the river. Because of the algae
What your picture shows; the murkiness of the water.
I noticed that the lake was getting more murky with the chicken litter running off the farms.
I have seen were it used to be clear, and know there germs and bacteria that live in there
Dirty water
I have seen all the changes because of the chicken poop in the water - because of the Clintons and the Tyson chicken industry.
It seemed dirtier than it use to be when I was younger
It clear when I first went there. Now it is green and murky. It is caused by the chicken farmers run off from their chicken farms.
That the water was murkier and there is a lot of algae.
The Illinois river can be pretty gross when it hasn't rained in a while
When we went to the river, there was algae all over and it was slippery on the rocks. I thought it was gross.
Not nearly as clear as it used to be.
It more polluted. The water is darker and every thing
Nasty water!
The water quality is substandard and murky . Less fish and wild life.
It looks more green and murky

Table D.84. What changes respondents had personally seen in the river and lake.

From the first time that I've been there until the last time you can never see the bottom now.
Dirty water and lots of algae
Waters are darker than before
I wouldn't go fishing in that area because of the water being polluted.
The lake is not as clear as it used to be.
Did see the murky waters, saw the algae made the rocks slippery.
Flint creek has been slippery because of algae it has made dangerous very slippery
Algae growth litter
In the river I've seen it not as clear as it used to be
I remember someone slipping on rocks due to algae
Deterioration of water quality
Nastiness of the river
The quality of the water is not up to quality
Can't see the bottom any more.
Yes every time I go to the lake it is gross
It looked dirty
Fish decline and algae in water
Yes I went there and could not see through the water
Murky water
I've seen it I can tell the difference; now you can't see everything like you used to
The water looking dirty we went floating so you could definitely feel the algae; it was slippery
Just in reference into the water I saw obviously not as clear as it used to be it was dirty trash on side
Murky water
Used to be nice and clean and now it looks like this gravel in the yard. You can't even swim in there any more.
The water used to be clear and now it's murky.
Murky water
The water is not as clear and the temperature is warmer.
The color of it and trash around the campsites.
The algae growing on the rocks
Pollution in the water
From the clear rocks to the beauty of the lake. I see more dead fish in the lake.
The water is a lot more cloudy
The excess amount of algae and the murky water.
I have seen the results mostly murky algae.
I see dead fish at fort Gibson lake at certain times of summer. Lake Tenkiller is not as clean. It's getting dirtier.
Lake Eufaula is still good fishing.
It is murkier and hard see. It is slimy on the bottom.
Water is nasty and slimy
The changes in the state of the water the color the smell. Less fish roaming or swimming. Unhealthy plants.
The murky water

Table D.84. What changes respondents had personally seen in the river and lake.

Coloration and clarity of water have deteriorated

It is not as clear as what it used to be and that is the problem. In other words fertilizer is causing it.

More pollution people throwing stuff into the lake and leaving it out there.

Exactly what was described, algae, murkiness: it used to be so crystal clear.

The algae is worse than before.

It's not clean any more. We have to watch for dirty water and trash when we go. It is steadily getting worse and too many people litter there. There are too many drinkers there for one.

The color and the algae in Tenkiller lake and also some kind of snails in the water from the edges to the lake

Low levels of water sometimes, and the nasty stuff that flows up against the side of the lake.

Especially in the river, the water is murkier since I started going there years ago.

We used to water ski in Tenkiller, but now the water is so ucky I wouldn't even want to get in it. We just fish there now.

The last time I was at the lake I noticed significant changes and asked area natives about what was going on with the lake.

When I was a kid you could see very clear and now it's just red mud.

Water is not as clean and beautiful as before.

I am used to seeing lots of algae in the lake and have never seen it clear like the picture shows.

The water is getting dirty - it's not as clear as it used to be.

The murkiness p dirty looking. I thought it was just from people throwing trash. Also, from irrigation going into the lake.

The algae murky water; p pollution - uncleanliness.

Just that the water is not clear like it use to be. P dirty.

The trash

The dirty murky water

Dirtier lake and river

Last time we went fishing it looked a lot dirtier than it used to

The color of the water, murkiness, that's why we don't go any more, since the early 1980's it has changed a lot

Just mainly the algae

I used to scuba dive in Tenkiller, it was clear now it's not but I didn't know what it was from

We used to float the river quite a bit. It was low and we saw a lot of moss,

Dingy water algae moss growing in the spring

Stuff growing on the rocks and on the bottom about 1000% more people going up and down the river than in the 1960's and they are catching more fish than they can multiply

That it is murky in summer and clears in winter

Mostly what my kids have seen and told me

In the 70s the water was clear but now its change a lot.

The water all slimy. It feel like slime on the bottom. I have refrigerator, tree limbs and trash or a dead dog float in the river.

Water is just like the picture. There's a greasy feeling to it, probably from the chickens. I used to swim there a lot. Tyson's bought ginger blue for a dormitory for Mexican workers. It was a sorry thing to do. Businesses don't want pay a fair wage.

Murky water.

Table D.84. What changes respondents had personally seen in the river and lake.

The water getting really murky and a lot more debris and man made trash.

Algae growth. What else?

Awfully bad. Oologah used to be one of the cleanest lakes you ever seen and since the oil spill in coffeyville, ks all came to us and that is where oologah gets it's drinking water.

It is not clear anymore and there is a lot of litter. People just do not respect the lakes anymore.

I noticed the water wasn't as clear as it has been in the past but it wasn't extremely apparent to me.

It is now muddy.

Brown foam, the lake with algae all around the river. Mainly the clarity of the lake and river have lessened

I've seen it go from crystal clear to where you can almost walk across it. There are times when it's so murky that you can't see your hand six inches down. It's even become effervescent. The quality has degenerated.

It's dirtier than when I first went

The appearance is mainly what I've noticed not as clear and pretty as they were

It does seem more murky.

It getting dirtier and dirtier and it stinks.

Exactly what we described: murky water in river and lake and I believe the water causes allergy problems from water in the nose swimming: sinus infection

The water does not look clean and natural anymore. I'm scared to take my children there now because it's dirty.

About 8 or 9 years ago we went swimming and a couple days later I was sicker than a dog. I was in the hospital for five days. I stopped down there once and let my little girl wade and she got sores. We don't go there anymore.

Well, the waters are just, like that picture showed, they're just murky and nasty looking.

You see a lot more algae than I usually see and when I drive down the road I see creeks with trash and dry creeks.

It's a lot dirtier and stays still a lot more.

The clearness of the water. When I was young I used to watch fish swim around in the water and now you can't even hardly see them. The water was so clear it was just like glass; it was beautiful. To a child it was something to remember

When I was younger I'd swim in the water with goggles and could see about 6 feet ahead of me the water wasn't clean but it was bright enough you could see through it recently I went it was dark and thick when I stepped in it my shoes just disgusting

The algae problem.

I have, but I haven't really paid any attention to them. Just the way they're just all different now. I don't know how to put it in words.

From good to bad. That pretty much sums it all up. Just like what we said a little while ago, you used to see so many feet down into the lake and now you can't.

Like the algae, less fish.

Well, I like to fish the creeks and you can tell the fish is not as big and they don't seem as healthy as they used to be. I like to catch those smallmouth bass.

Not in the lake, but in the creeks because where we used to swim, it used to be clear and now it's murky.

The murkiness.

More yuck

Table D.84. What changes respondents had personally seen in the river and lake.

The algae accumulation and the flow of the river slower.

The lake and the river are not as clear as it use to be.

Tenkiller was red there was no visibility - couldn't see your hand.

There's a lot of algae; we used to swim in Tenkiller, and it looked good, now it looks nasty.

Changes more algae and more murky water.

I have seen the water go from clear to murky.

In 2005 the water was clean enough to drink, now in 2008 the water is too dirty to even swim in.

I used to go to the lake and I could see down in the bottom and now you can't we have polluted the lakes and rivers

Well I've noticed there's more slime and gooey stuff that makes you slip and slide . I used to be able to see fish jumping out of the water and now you can't see them

I have seen that it has gotten worst of the last few years. The boats are also causing the problem since there are so many of them.

I have seen the water go from being clear to murky

Just you cannot see down as far when walking in the lake you can see the algae.

Water looking murky

The water is dirty . Can't see the bottom like in the past.

Clear water has become murky

The fish are disappearing and water is dirty.

The water is dirty and awful and can't go swimming anymore.

The dirty water

There is more algae growth and effecting the clearness of the water.

The water is filthy

They have deteriorated over the years and the water is bad

The algae in the water

I have seen the water go from being clear to murky.

The water is nasty and something has to be done, there's a lot of algae and the water looks dirty

The water was not at clear as it used to be and I could see the algae

I have seen the murky water and the algae from the bridge when we cross the river

Noticed the water is less clear, more murky

It's very evident when you go there

The water is murky.

A little more algae in water

Darker

Slick rocks in the river

More algae

I seen it from whenever I was a kid to what it is now. You just ain't got the same visibility. It looks like you're in a sewer. [r is a diver and dives in Tenkiller, by the dam and by the cliffs.]

Well, the first time we went, in 1981, it was real clear. Last time, in '07, it looked like crap. It actually stunk. We wouldn't swim.

The water is dirty with algae, but when there's lots of rain its cleaner

Table D.84. What changes respondents had personally seen in the river and lake.

She's says that its bad, not safe to swim in

Seen it change over time I remember the first time we floated the river it was gorgeous and now it is not as I said really said I thought over time it would get better

As far as lake Tenkiller, I remember the last time I was there, it was dark, the color green, but there was slime on top of it. The trash. The campsites were nasty.

I've seen algae and I've just seen algae in the water.

WHEN I USED TO GO BACK IN THE 1970s I NOTICED THE LAKE WAS CLEARER THAN IT IS NOW. EVEN THE ILLINOIS RIVER WHEN I WENT WITH MOMMY AND DADDY IN THE 1960s WAS CLEARER THAN IT IS NOW, WHEN I LAST WENT TO IT.

Algae getting worse

The water is not as clear and clean as it used to be. That's probably about it. The one thing I have noticed is the increase in the amount of algae on the rocks. We were day camping with a lot of our family members one day - it was a holiday

Murky waters, dirty, everything's dirty, more green algae, a lot smaller fish and I've fished my whole life.

Used to catch some big ones and now they're tiny.

I've just mostly read it. Mostly read it.

Well it just looked like the lake was a little murkier than I remember it being than a few years ago when I've been up there.

The water is a lot greener and there is a lot of fish kill, especially in the summer. Eufaula lake is getting to be the same way, with sores on the fish.

Water not as clear in Tenkiller

We went down the river and it didn't seem as clear as it used look and there were pollution and trash in the river

Green stuff in the water

1976 we could only see about 3 feet down then during my daughter's open dive. One reason we stopped going was because of pollution.

The clarity of the water you can't see the bottom at all

Murkier water, less fish

Lakes are not as clear as they used to be; I did not know what was causing it, but I could see the change. That is why everyone fishes in western Oklahoma

Have seen the reduced clarity in the river, even when just driving by the river

I have seen how murky the water is.

Very murky

I have seen murky algae.

River is nasty--cannot scuba anymore

Water is getting more algae, I am an avid fisherman and the [fish] getting smaller

I remember when we first went it was clear and the next year it was not as clear.

Saw color of water like the pictures

Some of the changes

The clarity of the water.

Ex-husband loves to bass fish and she noticed that he brought home less and less large-mouth bass each year during the 80's

Table D.84. What changes respondents had personally seen in the river and lake.

When rafting in the Illinois river, I could see the changes in the river. I noticed changes in the lake also.

I saw some algae when we last went to Tenkiller.

More murkiness in the water; more growth of aquatic type plants on the shores of the river compared to the first time I went.

I noticed that the water was murky and there was algae in the water.

The algae growing in the bottom of the river now the water is not as it used to be. I had not seen how bad it got like in the pictures. I never fished up there

Just the visibility of the water the clearness of it um nothing but the trash there's more trash than there used to be

When I first started going there it was clear and clean and the last time I went there it was nasty that's not good

Well I don't recognize the picture on the left I can think of time when I been swimming and the water was murky x the picture are familiar

The river and lake did not have clear water when I swam in them in the '90s.

Verbatim responses explaining what respondents asked interviewers to repeat about the river and lake

Respondents were asked question Q19a, "What is that?" if they answered yes to question Q19, "Is there anything I have told you about the river or lake that you would like me to repeat?" A listing of all responses to this question are provided in Table D.85 below.

Table D.85. Answers to question Q19a: What would you like me to repeat?

Noticed on the map a lot of creeks and rivers come from Arkansas, also. Are they doing the same study that we are doing trying to stop this stuff? We may get it stopped at our end but it's still going to come in. You see what I'm saying don't you?

What were those rivers again?

About the lake being murky.

Verbatim responses explaining what respondents had heard about why there is now more phosphorus in the river and lake

Respondents were asked question Q20a, "What had you heard?" if they answered yes to question Q20, "Before today, had you heard anything about why there is now more phosphorus in the river and lake than in around 1960?" A listing of all responses to this question are provided in Table D.86 below.

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

Had read about it

Read about it

I read a lot, we are getting to a point where water is a most important commodity

From chickens and litter

Heard of the animal droppings have been leaching into the lakes

I heard on the news that they were having trouble in that area because of poultry farms, I want to say they were having trouble all the way over to the Arkansas river, I grew on a chicken farm

Heard about phosphorus in other lakes and rivers

Heard reports from the TV news and newspaper about phosphorus and nitrogen.

Just what you been telling me and a whole lot more. My father was a consolationist. He was involved in the dam. The buffalo project in Arkansas I knew about for years.

That a lot of it was due to runoff from these poultry production facilities that you're talking about. That's pretty much it. I mean, I knew that this was a problem.

I heard that a lot of plants that have dropped there chemicals into the river and people drop trash.

Heard it from reading

They were complaining more about the chicken litter

I heard that the chickens are being dumped into the rivers and lake

Just like you said. Raw sewage

Chicken and turkey droppings, I didn't know that there was farms in Oklahoma

The same thing the poultry litter was causing this

That the chicken farms spread the litter on the ground and it was polluting the river

That it can promote algae. But the climate does produced it also.

Do know about the chicken situation

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

In the news on channel 13 twice that's how I learned about it
I have read all about chickens and turkeys polluting and soaps with phosphorus
I had only heard of this as a sidebar to the pork industry's pollution of the water tables in northwestern Oklahoma.
That the scientist is not figuring out that giving the chickens and turkey junk they will produce junk I try to feed organic and gives me a chemical free egg
Because of the raising chickens and chicken processors
Because of the chickens
There are now more people in Oklahoma and we have more chicken and turkey ranches.
In general that the phosphorus and algae was taking over and the lakes will dry up soon
Had heard about chickens but not specifically much about phosphorus. Heard about inhumane acts towards poultry
That there was a confrontation between Arkansas and Oklahoma about whose responsibility it was to clean up the water. Never did hear about any results.
Yes in various classes I've taken in college.
All I heard is Arkansas doesn't care how dirty they send the water to Oklahoma, also hogs in Arkansas dump in the river
Heard comments like on the news about I can't remember which lake but about people putting plants and dumping in the lake, that make the lakes unsafe , like chemicals also oil
Chickens and turkey caused algae.
That increase amount of chicken litter that is put on the land is more than the land can absorb
Heard about the chickens and turkeys
Exactly what you told me. It's from the chickens. P chicken waste
Just that it was run off from the chickens
Heard that people have been dumping from chicken farms
There was a big deal about three to five years ago in the news, I haven't heard anything recently, but we were outraged then.
Through a water purification company that explained the process
Had heard about the poultry farms dumping their waste into the rivers and lakes on the news.
I had heard about the chickens and turkeys; had it mixed up with the pigs
The increasing amount of poultry around the area
In Texas it's pigs
That the rivers are being polluted
On channel 13 octa, they were telling the public about how it was a problem affecting tourist and if not addressed it would be a greater problem in the future
Wish we could clean it up.
I heard about the chickens and turkeys but the phosphorus
I had heard about the chickens
Heard about it through the new media, newspaper and television.
Pollution of the poultry litter from the newspapers.
The chicken waste is coming from the chickens and turkeys

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

The runoff of the fertilizer has caused the changes
I used to work at a chicken processing plants and I heard about chicken dropping and the phosphorus
I have heard about the chicken and turkey droppings on the TV
That the chicken and the turkey farms and the run off
The chicken and turkey litter have polluted the river
It is caused by big chicken farms I heard it in the news.
That it pollutes the land
I heard about the chickens they were putting waste near the water
I've heard about the turkey and chicken problem
I know that the river and lake are polluted
I heard and believe the world is over populated, to reduce pollution reduce the population
Everything is being washed into the river
I have heard that the chickens and turkeys are causing the problem
I am familiar with the fact that there is waste from the poultry production and Tyson chicken has a huge plant there.
Run off from the rain storms takes all of the phosphorus and washes it into the lakes and rivers.
The landscape is very rocky and when you put anything on the land it will run off into the river and lake. I heard about the chicken farms and poultry litter.
Just that the chicken and turkey farms are making the river bad
That the turkeys and chicken farms are ruining the lakes
It is in the news. Yesterday the judge would not stop the dumping of chicken litter because they could not prove if the pollution was due to other problems.
When my family used to visit rivers and lakes we saw chicken coups and my parents would talk about the contamination caused by poultry litter.
Chicken and turkey droppings
Fertilizer is a problem
Heard that it's polluting the water and killing the fish
It is increased water pollution from turkeys and chickens being grown
I grew up there I know all about why it bad
Read in the paper about chicken litter being put on the land.
Heard about the chicken farms, on TV
Chicken and turkey farms hurting water
That a lot of the poultry producers have dump in river basins and it leaches in the river.
Yes they are talking about it on TV
Basically about the chicken and turkey farms
Chicken farms
Heard it on the news
About chicken and turkey droppings going into the river
Heard about the litigation against the farmers
Had heard about the chicken farms and how they contribute to this

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

On the news basically what you just said, how Arkansas won't take responsibility for this and we in Oklahoma are paying the price
They need more enviornmental control of the chicken and turkey productions
The chicken growers were causing the pollution
All the reasons
Most of the concern over the chicken, and the mess between Oklahoma and Arkansas
Heard about the problems in the lakes
Run off of fertilizer
About the chicken and pig farms causing problems
It's been in the news
Just the chicken litter is contaminating the river.
What we been talking about the chicken farms is what I heard.
The waste from the chicken and turkey being dumped.
It caused chicken and turkey waste.
Has heard that the poultry house were polluting the rivers and lakes
That there is too much and running off into lake and river
Storm water runoff from the fields it had been washed into the rivers and lake.
I heard that in some cases there is indiscriminate dumping of chicken litter, more than is necessary for plant growth
On the news they were talking about lawsuits for corporate farms that have pigs, chickens and turkeys.
Heard about all the chicken and poultry around the lakes.
Phosphorus flowed into the water and heard [about] it by television.
The poultry industry pollution problem.
There is too much chicken litter is used as the running off from the farms causing the river to be murky.
I've read about the turkey and chicken pollution. It has not been good for people who fish.
I knew that pollution was coming from the chicken litter. I didn't realize that it was from the rain washing the phosphorus on the land.
Yeah I heard that the chicken stuff was in the water
I heard about the chicken run off
It was caused from the litter from Arkansas and other trash people put in the water
That it is exactly like I described. I learned it from zoology class and keeping up with current events.
It has been in the news about the lawsuit of the state against Arkansas.
The more and more chicken being raised is causing this
The chicken dropping and waste was messing up the rivers
I know the basics surrounding the chicken and turkey situation
There is a battle between Oklahoma and Arkansas. Oklahoma does not have control over the poultry litter. Oklahoma has more to lose but has less control over the problem. We have less chickens then Arkansas.
The poultry industry, it's been on the news a lot
It was waste from the chicken and turkeys, and when is spreads around as fertilizer goes into the streams all of them.

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

About the phosphorus is polluting the river and lake and creating more pollution and algae.

I think I heard about a something contaminating the water. Something about chickens.

Just the increase levels of phosphorus in the news.

I heard what the attorney general said and have heard the other side with the chicken growers

I had heard about damages from poultry litter.

I have heard of the problems with the poultry and water.

I have heard the chicken waste had affect the quality of the water

That there has been a lot of contamination to the water due to chicken waste.

Some. On the news.

I've heard about the chicken issue

What I just told you

That it has increased drastically

I had heard about the chicken farms and their affect on our water from the media.

I've heard them talking about it on TV.

Yes. I've heard about the chickens and the turkeys on TV.

It's been in the news. There is quite an argument going on between Oklahoma gov. And the chicken farmers.

It's been in the news about the chicken farmers and the litter

Just that that was the source of it. And that there have been many studies.

Just blaming the farmer and chicken for the problem.

It's the chicken farms that do this.

Just the different things they talk about on TV about the poultry litter

Well I don't remember a lot only about lots of phosphorus changing the water.

Saw on TV about the chicken and turkey

I have heard that [name deleted] was suing the chicken farmers for putting the chicken droppings on the grassland

Yes saw on TV attorney general speaking about the law suit against chicken farmer.

That it was the run off of farms that saturated the land from Tyson chicken. Tyson dumps into that creek that runs into the Illinois river they dump into the watershed

The whole poultry litter is not unknown in our hh; the lawsuit we are aware

About the chicken houses and the spreading of the litter

Just heard that they were putting a lot more chickens and that stuff was running off

Big corporations putting fertilizers into areas in around the river cows pollution and other activities

There more phosphorus due to agricultural run off mostly from Arkansas into flint creek and Illinois river

I heard on the news about the poultry litter and feud about who's to blame for the phosphorus between Oklahoma and Arkansas

Do know that phosphorus does cause algae to grow

Have heard the comments about the litter in the river and lake

That it was coming from poultry droppings.

That the chicken farmers were causing the problem with the water

I heard the poultry growers have been dumping it in the water

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

I have a cousin who has a turkey farm in the area
About the poultry litter was in the lake
The litter was causing the problems
Has heard of the pollution of the river by the chicken and turkey growers.
Lots of stuff in the water.
Poultry litter is going into the lakes in rivers in Oklahoma
About the chickens and turkeys being raised by the lake and river
That it is nasty looking
Read it in the paper about the chicken and turkeys droppings being put in the river and lake
Heard about them suing turkey and chicken farmers on the news
Deterioration in the water and animals habitat
Know litter causes the changes and titus has been the cause
That the chickens are causing it heard on the news
Heard on the news
They have had it in paper it is from turkey and chicken farms and I'm sure there is more since I've been there; problems in Arkansas; and some in Oklahoma
Heard a lot about the chickens and turkeys
I have heard about the chicken and turkey droppings, but not the phosphorus
I had heard about the chicken and turkey droppings causing the problem.
Chicken droppings from the poultry farms in Arkansas being dumped in the river.
Over dumping poultry litter and fertilizer.
I know there has been a lawsuit between the state of Arkansas and Oklahoma and Tyson foods is one of the major contributors.
I heard about the droppings and seepage in the river
That the amount of poultry droppings in that area is running off in the water table. They, the state wants to reduce it.
I heard that the chickens and turkeys were causing this
It was on the news about the chickens and turkeys
I heard it on the news.
The chicken waste trying to regulate.
Read in newspaper that chicken litter is polluting the river; it flows into Tenkiller lake.
They have been talking chicken litter on the news.
The droppings and the water that runs off into the river where they fertilize the land.
Read and saw on news that the phosphorus was from chicken houses and the battle rages
Chicken and turkey litter run off into the river. Anybody with any common sense realizes what is taking place.
School class conversations asking what we thought about the lakes around Tulsa.
About the chicken farms near the river and in Arkansas polluting the water
I know that pollution from chicken farm runoff goes into streams, the river and lake. It's not good.
The chicken and turkey situation
About the chicken manure

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

Like I told you I knew about the chickens farmer and what they did to the river

On the news I heard that they were trying to clean up the river in Arkansas where they were raising the chickens and turkeys. P no

About the chicken farms in Arkansas, always in the paper about us polluting the water. Attorney general is going to bat for it.

Birds and different stuff where people abuse the rivers and lakes and don't treat it like they should.

About the pollution from waste plants and animal waste

Nothing, I haven't watched the news lately.

I've heard what's on the news. Trying to stop litter from getting into the water. The suit the attorney general is taking against Arkansas.

I was aware of the chicken river and that they used fertilizer that harmed water

It has been in the news that the state is suing Arkansas regarding letting the water get contaminated there and flow into Oklahoma.

I follow the lawsuits filed against Arkansas by Oklahoma.

It's all the chicken farmer's fault according to the media.

Heard from the TV that a man is fighting the pollution and letting everyone know about it. The chicken litter is polluting our water.

I had heard about poultry litter problems.

About the chicken farms and about how it was putting phosphorus in the water.

All of it is mismanagement. What is Oklahoma doing to filter the system coming out of Illinois? We spend money, money, money. P well, in the paper all the time about the chicken and the turkey thing. The amish have a pool and they destroy it.

Most of it rates back to Arkansas. P Oklahoma has done its share of polluting, too. P nope

That the chicken litter was raising the algae, and they're dumping more on the ground. P whatever the government wants me to know. P no.

I used to run water and waste treatment plants. I knew the standards while they are being promogated.

There was a big deal about it between Oklahoma and Arkansas arguing who was the blame. P no

I've heard about the chicken and stuff you told me about, I heard it in school from my egg teacher

Heard about chicken causing pollution

Because of the turkey and chickens farms the wash off from the go into the rivers and lakes and pollute them

The same thing. About the chicken litter

Because of the more chickens, they continue to feed more and more of them, there are more droppings than they can handle, I've have heard about the lawsuit

Pollution from chicken and turkey farms

That the chicken litter is causing problems in the river because it is spread on the pastures

Some reasons why, we saw a lot of trash people leave did it take that into consideration?

Heard about the chickens

Fertilizer and chicken litter just like you said

Everything that I just described I subscribe to conservation magazines for years and I know what the problem is

About what I been reading to him we've been fussing with them for years

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

Due to the increase in chicken houses being built near the lakes water or creeks
The chicken litter that they put on the farm land was going into the river
For a long time there was on TV in Tulsa that they were trying to get it stopped
Everybody blames the chicken houses
We heard about the chickens and turkeys dropping in the water. But we feel a lot is coming from people drinking alcohol in the area.
On the news the people were not liking that the droppings were put into the river. I felt they should not have put the droppings in the river.
It all go in the river.
There is always something changing every year now days. They trying find out why fish eggs are purple and the fish is not reproducing in these lakes.
From everything: sewage and chickens.
The state has a lawsuit against Arkansas you do not have to be a rocket scientist to know there are problems with the water. Some algae is good but not what we are getting today the algae is favorable to big fish.
Only heard the chicken and turkey and lawsuit.
About the chicken farming waste going into the lake.
Heard about that poultry dumping thing in the news.
Litter run off
We go camping in the chimanche mountains and there are a lot of chicken and turkey farms there and how it has changed since I've been going down there.
Just that law suit
About the chickens, turkeys and other sources of nitrates and phosphorus and sewage.
I had heard it was from the chickens raised in the area.
Same thing in the news.
About the chickens and turkeys.
Because of the sewage of chickens. They could transport their chicken droppings to other states that need it.
It's like pouring ammonia in your water. What is it going to do to you?
Didn't know it was phosphorus, just knew it was waste from chickens and turkey in Oklahoma and Arkansas.
Chicken litter
That it was because of turkey and chicken plants. I have a friend who has done many water studies
The stir bunch is after the poultry industry, the EPA is after the sewage plants. An incinerator would be the best cure: to burn both animal (poultry) and human feces, when reduced to ash it would be safe. The phosphorus would burn up.
That the chicken poop was ending up in the river and making it nasty
On TV when it all came up about the pollution, I watched on TV about some of that. We love to have thanksgiving; so, what are we going to do, and I'm fond of chickens and have a few.
I had heard about the chicken manure issue but didn't realize it was the phosphorus
Turkey litter and sewage
Chicken litter
Because of more poultry litter

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

I heard it was due to all the chicken houses

I had heard a few things about the chicken litter polluting our creeks, rivers and streams.

They didn't like what was happening to the water, the farmers didn't. The farmers didn't really understand what was happening.

(R has heard) very little about chickens. That's about it. I didn't really pay attention at the time.

I'd heard everything you'd just told me.

I heard that the chicken industry was being blamed for it, from Arkansas and Oklahoma both.

Pretty much the same thing that I just heard before, like in a science class, you know.

Well, I had heard that it's from the landfills and more people leaving trash on the river.

Our training sessions (r has poultry farm required to take classes, so many hours per year) we are taught everything has to be tested, the soil has to be tested that's when you know how much poultry litter can be placed on fields

I heard that the chicken farms caused the pollution with the spreading of the droppings

Heard about the pollution of the turkey farms.

Everyone knows about it. Let them dump on there own it.

Basically, that more pollutants were being washed in by rain. Most currents aren't strong enough to keep it moving so it won't settle. Most of the pollutants were fertilizers of all types and garbage.

He heard that it was a problem

I heard on the news about the litter situation.

Mostly, Oklahoma was working with Arkansas, near the border. The didn't want their phosphorus coming in Oklahoma. P their hauling that litter from eastern Oklahoma over here now, and using it for fertilizer.

Waste goes into the river. P as long as there are people they're going to destroy the world. P what's left of the fertilizer washes down into the river?

I heard about the poultry runoff.

I have heard that they've been raising heck about the poultry and hogs quite a bit.

I thought they passed a law that they had to put some kind of barrier around the runoff areas to keep it from washing into the grass.

Newspaper and TV that stated the farmers fault. Some say that its the farms and some say it's not their fault in the media.

That what's causing the pollution it growing its an epidemic

About the chickens especially the chickens .not to swim in the water because you can get an ear infection. She heard the little girl died from it

I heard on TV that there were law suits against the chicken and turkey farmers because of the pollution going down in the rivers and lakes.

I heard it was there because of the chicken farmers

I heard stuff was being dumped in there from the chicken and turkey farms.

Chicken litter polluting waters

Chicken farmers used droppings for grass and other things. These droppings were getting in the water.

The chicken litter and hog litter is this a man made problem or is this problem really caused by the chicken litter.

Water was being polluting by chicken farms

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

Chicken and turkeys have caused the water pollution.

The water is polluted

Water was dirty because of chicken farms

The poultry industry was polluting the water along with the tourist industry. I come from a farming background we used poultry litter to fertilize the land and know that has caused more phosphorus in lake.

More in phosphorus in water as a result

Excess poultry litter has washed down into the river and lake

They feel it is coming from the poultry industry

Yes, because of the litter and all that stuff. The state is fighting the people growing the chickens for spreading the litter.

I've heard all about the litter, I think they should clean it up

Heard that there was more phosphorus in there normal

They are dumping more of this on the land and in the water

Pretty much of what you just said

I heard the same thing you have talked about

That it's a result of the chicken litter and stuff like that in the fields and pastures.

He said that pig farmers are part of the problem and big companies like Tyson.

I have heard that the contamination is from chickens, pigs and turkeys

Television

Heard it in the news and family.

I read that in the paper about the murky water was from the chicken litter

From the chickens

From the poultry litter

There's been a lot of stuff, I've heard a lot about the turkeys, the litter being flushed down the river.

I've just heard on TV how the chicken droppings and stuff are getting into the river.

Well, the same thing, you know, that the chicken litter is what's contaminating our water.

It was the fault of the chicken houses

All the chicken farmers dumping all their waste into the rivers. I heard about it in the Illinois river, coming from the Arkansas side into Oklahoma.

Because there's more chicken and turkeys in northwest Arkansas. Northwest Arkansas is the chicken capital of the world.

Maybe something about it. I can't remember exactly.

Well, what we were talking about, the chicken plants putting waste in the rivers and detergents that aren't biodegradable.

Well, just what you said, the poultry houses dumping it and spreading it. That's kind of what I heard.

Yeah, I'd heard the chickens are a problem. I remember hearing on the news..

I heard the chicken houses are ruining our lake. Something should be done.

Didn't know it was phosphorus but knew it was chickens and turkeys

It's out of fertilizer from chickens and turkeys. I think they should run it off into holding pit.

That it was increasing

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

Just a little talk

You see it on the news as a growing problem.

I've heard about the chicken litter getting into all the rivers and streams

People trying to stop the chicken farmers from making an affective living. Chicken litter is the best fertilizer there is.

Just mostly about the chickens and the litter

That there was more algae in the water cause of the chickens

The people that bought this house had a well and once the chicken houses moved in the well water was no good.

I work at a poultry plant so I am aware of this situation

I've heard a little about the chickens and the litter.

I heard it on television.

I had heard that chicken droppings were a problem.

Again on radio, NPR, I heard that waste coming from poultry farms was going into the water and that it was a bicross issue

It wasn't just run off from the lakes, it was Tyson actually dumping chicken parts, they claimed they did not do that, but I don't know

That there is a large study at the agriculture department and the poultry producers were mandatory participant

Because of the scuba experience

That chickens and pigs waste are being thrown in the water.

Chicken and turkey farmers are responsible

Everything you just said, chicken and turkey population

I am a fisherman, have known for years the phosphorus and algae have been killing the fish. Not just this river but also fort cobb

Same as what you just briefed me on, this is it from the chicken and turkey farms

Phosphorus run off from poultry litter is causing the problem with the water

I heard that the Oklahoma is suing Arkansas for spreading of poultry litter

I had read about this in the paper for a long time, I just wish they would do something about it.

I had heard about the chickens

The chicken droppings primarily.

I heard that the pollution from the chicken farmers polluted the water.

The chicken droppings and the water does wash it into the lakes and river.

There is more

The chicken farms was creating it.

Heard about the chicken pollution

Poultry farmers are polluting the waters

There was too much phosphorus and fertilizer in the river causing pollution

That there is a problem with the poultry industry where they dump their litter.

I heard a lot about the chicken farms and the big lawsuit going on there.

I heard about the poultry waste and the washing off of the waste.

Table D.86. What respondents had heard about why there is more phosphorus in the river and lake.

That the poultry industry has contributed to the problem. Also fertilizer being improperly used around the river and lake.

I have heard on the news about the contamination in the river.

I heard the story on the news.

I knew about the problem with the poultry waste, but I didn't know that it was phosphorus.

For years I have read in the paper about the problems with the chicken farming and how it affects the water.

Just what you where saying

I personally knew I had the chicken farmer when I drove a truck they told me different things of what the EPA had told them that the chicken litter was doing to the river because it was running into the water. Um no just mainly about the chicken houses

Ah channel 6 news over the last year had the farmer denying that they don't take care of their waste properly. Clearly there are claims being made it seemed like they were being picked on. But it's proof I find it hard to believe

I knew about the chicken and no not really I just knew because I lived in that area I knew about the waste

Verbatim responses explaining what respondents had heard about algae reducing alum in water

Respondents were asked question Q22a, "What had you heard?" if they answered yes to question Q22, "Before today, had you heard that alum could reduce algae in water?" A listing of all responses to this question are provided in Table D.87 below.

Table D.87. What respondents had heard about how alum reduces algae in water.

It would work

Has a background working with pools and water and know that alum cleans the water.

In physical science [class] I heard that alum helps purify water or something like that. It was a long time ago, in 9th grade. Teacher told us about alum and it would make it like potable alum.

Heard the same thing

It is in fish products. For fish tanks

I used it. It will kill algae but it would kill the fish if you put to much in it.

There are other things that I feel would work better we clean cat tanks with gypsum

It was used for men that shaved to stop the blood from the knick.

My grandmother talked about when we visited the lake in 2007

Treats water

Had heard about alum through my mother making pickles with it.

I knew it was used for cleaning swimming pools and other water sources

I use it in my fish tanks, it does make the water cloudy and after a couple of hours it goes away takes the algae away

They had used it on farming

Table D.87. What respondents had heard about how alum reduces algae in water.

I am concerned that the water in the wells might begin to taste bad; like sulfur Oklahoma water taste bad will the water begin to taste bad?

I thought it was used for bacteria

Farmers have used it to put into ponds that had algae in it.

Had heard that this would take care of the

Some talk from some relations that if we could get it that would help to reduce the algae in the water.

Alum would make the river and lake clear but did not understand how and why.

Learned it in school

Would improve water quality

Over the years I heard alum could be used for lots of things farmers used alum on potatoes in the winter and put in out houses.

About what I said

I will reduced the algae in the water in fact we put alum in a pond when I was a child.

That it helps stop growth of algae, we use it in the ditches in this area when it floods

If you put alum on the water the fish will come to the top

My kids told me

Chemically what it does

We use it at work as a water treatment, however we don't do it anymore

I used to build water treatment plants, it is a hardy mineral to use there (in Texas, Arkansas and Oklahoma)

I heard on a TV special about how to reduce pollution in water.

Have friends that I have talked with about how to get rid of excess phosphorus in the water.

I just heard that alum has a drying effect. If you put it around your house it keeps your house from settling. And keeps bugs away.

Similar description to our surveys explanation

I use to work at a pool store, I know all about algae and using alum

I knew about it but I did not know the name. My dad told me my grandfather has a ranch and he said there was something you could put in the lake and that you could see perfectly clear.

My son used it in water for the tribe in Washington

It's just a common known fact

That it was used in water treatment plants

I grew up on the Mississippi river and there is lots of pollution and problems there.

I used to own a swimming pool business for years

Effects it and neutralizes it

I used to work for the dept of energy and I've heard about it for water treatment

Alum can reduce algae

The alum would take care of the problem

It has been used for centuries

They were on a trip to Colorado and they were doing that there.

Just read that

Take algae out of pools

Used to work at water treatment plant and used alum

Table D.87. What respondents had heard about how alum reduces algae in water.

Don't know
My ex husband used to work in a water plant and they used alum in the drinking water.
Have heard of what it does in the water
That it help reduce algae and everything I was telling her.
That it has been used in other states and it worked and it didn't create other problems
That the water was green and dirty
Yes, definitely.
We used to use alum treatments in ffa in the stock tanks when we had the fish farm as a project.
The process is known, the name alum was not.
That it works. P no.
Short-term solution to the problem. P short term fix.
When I worked at the water plant they talked about that
I was raised on a farm and we had a well and occasionally put alum in it to purify it.
My dad operated a water treatment plant and that they used it to reduce algae
That it could reduce algae in water and also it attaches to other nutrients than phosphorous and then crops can't grow
You put alum in the fish tanks and clean it up.
I used to take care of swimming pools: I know what it does.
I heard that it will reduce the algae. It will reduce the phosphorus. We had a sewage treatment. They did not clean up sewage several years ago. Algae would be expense.
It is what we use in the water treatment system. That and chlorine
That alum could clear up the water
I read a little about it in the paper somewhere.
That it's supposed to be a treatment that they do put it on there but they don't know whether it works or not.
Heard on TV.
I heard that it removed the amount of algae.
Yes, she has a pond.
That it was used in lake casitas
We used it in our ponds on my farm when I was growing up.
The different chemicals would dissolve the phosphorus in lake and would clean up water.
Heard different options for clean up and it was perfect for this area.
It could help to clean water
Over a long term it would return the river to what it used to be
Well, I've worked around water plants, helped build them, so I know what alum does. Well, gypsum does the same thing.
I knew that alum would clear up water
Alum works, but is expensive
Because all farmers used back in the early days of Oklahoma. It was common practice. It helps the land.
German settlements used it a lot
I heard that they retreated with something but I didn't know what it was.
That they use it at water plants. Old timers used to use it in their ponds to keep algae down.

Table D.87. What respondents had heard about how alum reduces algae in water.

It does that
That it ties up the phosphorus and makes it more useable
Just that it would be better to have alum in the water cause my uncle use to work for a water plant and he told me
I heard that back in school
Yes. But carp will too. All the farmers put them in their pond to clean their water. Carp eat algae.
We use it at work
It is part of what I learned as part of my nurse training
That alum really works
You use it in fish tank for that purpose
I have a background in biology so I remember hearing about something like this
Has heard people talking about it
I have used it before for the purpose of keeping the algae in check as a volunteer at the Oklahoma city zoo.

Verbatim responses explaining what respondents wanted interviewers to repeat

Respondents were asked question Q23a, “What would you like me to repeat?” if they answered yes to question Q23, “Would you like me to repeat anything that I just told you?” A listing of all responses to this question are provided in Table D.88 below.

Table D.88. Answers to question Q23a: What would you like me to repeat?

So you are telling me that alum can make the water clear again?
River and lake timeline with and without alum
So I would be able to buy alum in the grocery store myself
If the court order was going to take place with out alum

Verbatim responses explaining why respondents voted for the program

If respondents voted “for” the program in question W1 (“Now please tell me whether you vote for or against the alum treatments, which would cost your household a one time additional tax of \$ **(BIDAMT)**.”), they were asked, “What would spreading alum do that made you vote for it?” Table D.89 below lists all of the responses people gave to this question.

Table D.89. Why respondents voted “for” the program

I think increase in tourism would help the economy

Tired of seeing all resources getting screwed up. If we don't do it we won't have any lakes or rivers, one time deal

Better for the water will help have cleaner water and cleaner environment

Bring back the animals and fish

Not much money a good deal, my husband's parents lived there and we would like it they way it was

This has been worrying me we can get by without of things but clean is one of them

To get it cleaned up and hopefully looking like it did before the chicken farms started

Would like to see my kids when I have them go to a clean like I did, how about letting the people in prison do the work

Necessary need to start one place first

Because the economic recovery of the lake and the creek beneficial to the whole state

One time deal it will help out not fifty - sixty years

Clearing up the lake, but I have some concerns, the cost versus benefit for the farmers, I 'd almost prefer to pay \$20 to help the farmer, as there would be a cost for fertilizer

To clear the water

Return our natural resources to were they where in the 1960s.

Clear up the river and lake sooner. My husband like to fish and camp.

Pollution there eventually it will go state wide other states did it is one of our natural resources

That brings a lot of money to the state we have a lot of lakes, if I go to a nasty one I will never go back and I would tell my kid and tell everybody do not go

That's the future of the state we need it to look good in 20 years we will be close to retirement

I can remember many years ago people said they went to Tenkiller for recreation and it was nice as they said we need to get it back

Kill all the green mossy stuff in the river and lakes.

Faster turn around. It would be something I could see in my life time.

Clean up the rivers.

Health being a major thing. Oklahoma should not hesitate to protect.

Improving the environment for children and grandchildren

Well, I mean, they say they're scenic rivers and all that, right? This is a beautiful state. It's the heartland of America and people come here because it's beautiful here so why not keep it beautiful?

The algae that kills off the fish, the water isn't so clear. It would bring the plants that died off come back.

I don't know

It would reduce the algae which would provide benefit to the water systems by allowing the natural wildlife to recover.

God made this earth and we've done nothing but screw it up and we need this for our grandchildren

I have a son and ex-husband that loves fishing and I love the outdoors. And I've noticed the water has changed so much.

Because when I was a little kid you could see your whole body it would be priceless to get back to those conditions

It's going to take less time to make the water pure.

It would be a lot better fish to go fishing and the water would be clear again.

I'm for cleaning the environment. I may not get to see the results but my children will.

Table D.89. Why respondents voted "for" the program

It would clean and reduce the algae quicker. 50 to 60 years is a long time
It would be clearing up the river and lakes.
Get back like it was
Because of the sportsmen and the people that visit and would draw more tourists
We need the improvement we caused the problem and it's up to us to pay for it
It would increase the water quality and the land
Because \$45.00 is not a big amount to pay. The concept, there is nothing bad about the alum
Speeds up the process time if the farmers would stop spreading too.
It does it sooner the sooner we have clean water the better in 60 years it may be too late
Just the clean water because the water is really dirty I have seen pictures of the canoes on dirty water
Because I know what's happening and what's being done.
For the future of our children
It will improve the lakes a lot quicker then nature would
Clean up the lakes faster
I feel like 80 dollar would be worth it to clean up the lakes for my family
It will return it faster
I want the treatment but I believe it's the wrong approach of getting rid of the litter. I would like to see the litter sold to other people
I would like to see the river cleaned up and stop the litter being spread
To see the river and lake in the state that it was when I was child
The time frame difference in cleaning the river and lake up verses the cost
We talked about it in college and the importance . And it could be used if clean for better use of the water only if it were clean
Not a lot to help with this project
Bring back the resources to like they were
I can eat beans if necessary if I had to come up with the money
Need clean water for kids to fish in and it looked gross
Big time nature person we need to do this
Rivers need to be keep clean for future generations
We need water clear it could spread to other rivers and water systems it's not getting any better, scenic should not have anything to do with it
Getting back to normal is cutting the process in half.
I like the idea of it being clean in sooner for future generation. I would like it to look like it did when I was little and could swim in the water that was clean
To get the lakes and the waters clearer. Oklahoma needs to get the other lakes around here down also because my children around here have bad lakes for recreation also.
So many people use the lakes for recreational and we need them this would be a good idea.
Return the lake and river back to its natural state 40 years sooner. It's safe and effective.
Restore and bill the water back to what it was naturally so the fish can live
Clean up the waste in the water. And I think this should be done to clean it up.
Decrease the algae and make it a pretty scenery.
Covering up the phosphorus so that the algae will stop growing in the lakes and rivers in Oklahoma
Kill the algae sooner. And ten dollars is not that much to pay to get cleaner water.

Table D.89. Why respondents voted “for” the program

Return them to their former state quicker
Clean up the river and lakes
Decrease algae, but more importantly change what these people are doing. Alum is great to shorten the time of the cleanup
Speeds the process up
I don't visit the lake, but I know it is a tourist attraction. More tourists means more money for the businesses.
Cleaner is prettier. Cleaning it up could keep drinking water sources clean.
It would be good for the grandchildren and future generations. But I feel poultry companies should pay for the cost of spreading of alum.
Clean the lake and rivers
Clean the rivers, why don't they put alum on the other rivers that have algae?
Clean and make the water clear so you could see like back in 60's the pictures were beautiful, and for people who get in it we don't need any germs or any kind of pollution, I think it should really be done. [it's] so sad to see a beautiful river be dirt
We need cleaner water in the lakes as well as drinking water. I want for Oklahoma to remain a clean drinking state
So it would help out the fish and the people
It will speed up the cleaning process
If not cleaned would cost more later.
Neutralizes phosphorus
Cut the time for clearing up the water
Clear the water. P to get rid of the phosphorus that's bad for the water and the land.
It will clear the lake up
Help repair the environment; p it would help the fish. P every little bit that we repair helps out.
We would be fixing the negligence done by the farms. P as a business owner you should be aware of what you are doing. P see regional - I should be paying for the area that I'm around.
I feel we need to go back to living the natural way
I think that restoring it to original conditions would be good and it's not that much money to do it faster
Clean up the environment in that area faster, and it is a reasonable amount.
She is an environmentalist and wants to save the river and lake
Because it would clean it up faster
Cleaning the water and the environment, and make it look clear like it was in the past.
We would get rid of the phosphorous, or at least neutralize it. And hopefully they will make them do something about this poultry.
The cleaning of the water and bringing back the fish and wildlife that we're losing and preserving it as recreation and safety for generations
It appears that it would clean up the river and lake within the lifetime of his children and as a tourist destination it is a draw for the state
I think it is a good idea to clean up the river and lake sooner then later
If it is going to be used specifically for this, I just don't want the extra tax money taken and used for another purpose.
It would clean up the river, not a pesticide
Because being a part of Oklahoma I want to see that the nature beauty is kept as it should be.

Table D.89. Why respondents voted “for” the program

Fix the problem
The water is dirty and we need clean water so we won't get sick
Keeping the water clean and keeping the fish healthy
Seems like a good idea if they think it really will work
Don't like it. I don't like man messing with nature and I don't like [that] we have to pay for it and the poultry people are not
It would clean up lake and rivers
Just get the wildlife back to the way it was, I going to school to study animals right now
They need to be cleaned up and reverse the damage. Wants to see them cleaned
Because from the facts presented it's apparent that the river and lake need the treatment even though before today he didn't know about it
Turns the lake and river into better conditions sooner so that more people can enjoy them
If it could be done quicker. It is worth a try. The time.
I want the lakes and rivers to be what it was like in 1960 so my grands and children can enjoy the water
The environment needs it and we need to take care of our environment
Might make a different if the price is kept low people could afford and it would be not hardship for anyone
We eat fish so I would want it to be safe. And the water that we drink because they are healthy for you.
To maintain the rivers and lakes clean.
Clear the water quicker, create more jobs and safe the fish
Taking care of the environment
Because it will keep our rivers and lakes water clearer so our children could play near the rivers and lake.
Clean it up a little earlier
Because you will see the bottom of the river and lake after alum treatments.
I have seen many ponds with overgrown algae and I think it's a great idea to spread alum in the river and lake.
I mean it will help the water, it's better, something needs to be done and it's better to do it now.
That the algae and pollution in the water and that we have to drink it. As long as it is used for the treatment she votes for it
I'd like to see the lake and river clear up again like it used to be.
Clear up the pollution sooner
Time factor
End the pollution a lot sooner
Because for tourism the lake has to be attractive; husband had ear infection as a result of swimming at lake
Speed up the time to clean up the lake.
Bring it back to what it use to be ten years earlier
Well I think the river and the lake should be turned back to what they were like in the 1960. Don't we get our drinking water from some of these lakes?
Returning it to what it was like in 1960
It will happen years quicker than the natural process.
It would bring the river and the lakes back to normal in less time.
Restoring the water to the way it was before.
Well, that part of the state there are a lot of people visiting. It needs to be cleaned.
It would help clean up the rivers and lake and make it look nicer
To make the rivers more healthy for the fish to live in. It would make them look pretty.